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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1167 A1552VC RS11065 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGK.TPSLTSTDE.    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGH.TPSLVSSLP.    74
NTDB id 1383 A4U84 RS08530 WP 005711781.1      MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECSSGK    79
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAG.    72
NTDB id 1109 OK783 RS10670 WP 157147416.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAG.    72
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.    73
NTDB id 1188 NELON RS01755 WP 003772458.1      .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS...    69
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQS....DLS...    73
NTDB id 1076080 ACJEH2 RS01485 WP 011215877.1  .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVSEGLQMASSAKLAVSETAITNNALPPTQAA...    68
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
consensus                                                 ***!*!!!!!!!*!****!!**!*!*!**!* ** *****      ** * *     *  * *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      GFTR...........L.................GTVEDMG.DGKIVIAPT.ASGALGGTIKYTF...D....AGVVSSSK   120
NTDB id 1167 A1552VC RS11065 WP 000649326.1    GFTR...........L.................GTVEDMG.DGKIVIAPT.ASGALGGTIKYTF...D....AGVVSSSK   120
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     GFTR...........L.................GTVEDMG.DGKIVIAPT.ASGALGGTIKYTF...D....AGVVSSSK   120
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ATKK........EVPL.................GVAADANKLGTIALKPDPADGTAD..ITLTF...TMGGAGPKNKGKI   121
NTDB id 1197 PSJM300 03940 AFN76866.1          .............GYI.................GITDSTS.YCDVDLD.TAADGH....IE.CT...AKGGNAGKFDGKT   112
NTDB id 1204 PSJM300 03935 AFN76865.1          .............GFI.................GIGASTN.YCTVTLI.ATATGS....IT.CT...TQNGMPDRFNGKT   114
NTDB id 1383 A4U84 RS08530 WP 005711781.1      N..........GVRAD.KS...DVPDAKYLKSISV.....ASGV...............ITVAG.K.......GNIDGYG   117
NTDB id 1119 NGFG RS11465 WP 017147169.1       ...........VASP......PTDIKGKYVKEVEV.....KNGV...............VTATM...LSSGVNNEIKGKK   112
NTDB id 1109 OK783 RS10670 WP 157147416.1      ...........VASA.......STIKGKYVQKVEV.....AKGV...............VTAQM...ASTGVNKEIQDKK   111
NTDB id 1191 AAC28468.1 484..945( )            ..........GNVIFD..............SANGLDGKYFAPGGVTVTP..DTGA....INIAFDAGA.......NAGKT   116
NTDB id 1188 NELON RS01755 WP 003772458.1      NKTAAAGGGAGGAAAAGTQH.....ASKYVKSVKV..TEASPWD...............ITVAISATEANGIPTGLDGNT   131
NTDB id 1002 ACIAD RS15100 WP 004923779.1      .........TAGSSCVGVQEISASNATTNVATATCG..ASSAGQ...............IIVTMDTTK.......AKGAN   116
NTDB id 1424 RS RS02795 WP 011000517.1         .........VGSSVF......T...PTKNVANLTIAGTGTVPGQ...............ITVTY.TTA.......AGGGT   112
NTDB id 1076080 ACJEH2 RS01485 WP 011215877.1  .........TGYVSP......A...ATANVSNIAIG....ANGV...............ITITY.TQA.......AGGGT   103
NTDB id 1274 LPP RS09530 WP 011214168.1        .........TGYVSP......A...ATPNVASIAIG....ANGV...............ITITY.TAA.......AGGGT   103
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........TGYVSP......A...ATPNVQSIAIG....ANGV...............ITITY.TAA.......AGGGT   103
consensus                                                                  *   **       *                 *****             *
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logo
NTDB id 1184 GTF74 RS02335 WP 000649326.1        IQLARD.............ANGLWTCSTT....................VTSEIAPKGCTAGATIN.   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1      IQLARD.............ANGLWTCSTT....................VTSEIAPKGCTAGATIN.   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1       IQLARD.............ANGLWTCSTT....................VTSEIAPKGCTAGATIN.   153
NTDB id 1192 PAKAF RS23870 WP 024947914.1        ITLTRT............AADGLWKCTSD....................QDEQFIPKGCSK......   150
NTDB id 1197 PSJM300 03940 AFN76866.1            ITLNRT.............ADGEWSCAST....................LDAKYKPGKCS.......   139
NTDB id 1204 PSJM300 03935 AFN76865.1            ITIART.............TDGLWDCTSD....................LDSRYKPGKCL.......   141
NTDB id 1383 A4U84 RS08530 WP 005711781.1        YTMTPK..........FANNNITWATSCQGAD...ISL..........FPA....NFCGQKATP..   154
NTDB id 1119 NGFG RS11465 WP 017147169.1         LSLWG..........RRENGSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK   166
NTDB id 1109 OK783 RS10670 WP 157147416.1        LSLWA..........KRQDGSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.   164
NTDB id 1191 AAC28468.1 484..945( )              MTITPTVI.......AASGQISTWTCAPGAANG................IETRRLPTSCQ*......   153
NTDB id 1188 NELON RS01755 WP 003772458.1        IRLFPLVNK.AVP.AATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......   188
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ITLTPT..........YASGAVTWKCTTT....................SDKKYVPSECRG......   147
NTDB id 1424 RS RS02795 WP 011000517.1           LALVPTAAGTALPVSSAPSGPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR.......   168
NTDB id 1076080 ACJEH2 RS01485 WP 011215877.1    IVMTPAL........DANNGDVTWNCTGG...................TLLAKYRPASCRP......   137
NTDB id 1274 LPP RS09530 WP 011214168.1          IVMTPTL........QA.NGDVTWTCTGG...................TLLAKYRPASCRP......   136
NTDB id 1258 GC085 RS09745 WP 014844212.1        IIMTPTL........QA.NGDVTWTCTGG...................TLLAKYRPASCRP......   136
consensus                                        * *                 * * ! **                     *  ** *  !
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X non conserved
X similar
X ≥ 50% conserved